



1655 \$

Patent  
Attorney's Docket No. 001560-377

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
 )  
Keiko SAKAKIBARA et al. ) Group Art Unit: 1655  
 )  
Application No.: 09/446,089 ) Examiner: Juliet C. Einsmann  
 )  
Filed: December 17, 1999 ) Confirmation No.: 1763  
 )  
For: GENE ENCODING A PROTEIN )  
HAVING AURONE SYNTHESIS )  
ACTIVITY )

RECEIVED  
FEB 03 2003  
TECH CENTER 1600/2900

INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☒ A check in the amount of \$ 180.00 is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620  
Date: January 30, 2003

By: Malcolm M. Jam #39,300  
for Donna M. Meuth  
Registration No. 36,607



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**SECOND**  
**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Consideration and making of record in the application identified in caption of the accompanying Information Disclosure Statement are respectfully requested. A statement in accordance with 37 C.F.R. § 1.97(e) and an IDS fee set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00 (1806) are being submitted to comply with the provisions of 37 C.F.R. § 1.97(d).

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01/31/2003 CNGUYEN 00000029 09446089

01 FC:1806


180.00 DP

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: January 30, 2003

By:  # 39,300  
Donna M. Meuth  
Registration No. 36,607

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APPLICATION NO.

09/446.089

Keiko SAKAKIBARA et al

**GROUP**

December 17, 1999

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**JAN 30 2003**

U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Paul K. Boss et al, "An apple polyphenol oxidase cDNA is up-regulated in wounded tissues," Plant Molecular Biology, Vol. 27, pp. 429-433, 1995.
	Toru Nakayama et al, "Specificity analysis and mechanism of aurone synthesis catalyzed by aureusidin synthase, a polyphenol oxidase homolog responsible for flower coloration," FEBS Letters, Vol. 499, No. 1-2, pp. 107-111, 2001.
	T. Nakayama et al, "Aureusidin Synthase: A Polyphenol Oxidase Homolog Responsible for Flower Coloration," Science, Vol. 290, pp. 1163-1166, 2000.
	Takuya ato et al, "Enzymatic formation of aurones in the extracts of yellow snapdragon flowers," Plant Science, Vol. 160, No. 2, pp. 229-236, 2001.

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.